

|   | L # | Hits       | Search Text                         | DBs  |
|---|-----|------------|-------------------------------------|--|
| 1 | L1  | 8395<br>47 | @pd>"20060617"                      | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB |
| 2 | L2  | 1988       | ((523/160) or<br>(523/161)).CCLS.   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB |
| 3 | L3  | 112        | 1 and 2                             | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB |
| 4 | L4  | 2258       | ((524/590) or<br>(524/548)).CCLS.   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB |
| 5 | L5  | 567        | ((106/31.61) or<br>(264/464)).CCLS. | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB |
| 6 | L6  | 20         | 1 and 4                             | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB |

|    | L # | Hits      | Search Text  | DBs  |
|----|-----|-----------|--|--|
| 7  | L7  | 11        | 1 and 5  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB |
| 8  | L8  | 10        | (3 6 7) and (hot adj melt<br>or phase adj change)<br>near5 ink   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB |
| 9  | L9  | 1         | 8 and (extrude or<br>extrusion)  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB |
| 10 | L10 | 0         | 8 and crystallization adj<br>temperature and melting<br>adj temperature  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB |
| 11 | L11 | 5884<br>4 | high adj shear adj (mixer<br>or mixing) or homogenizer<br>or media adj mill\$3 or<br>attritor or<br>microfluidizer or rotor<br>adj sator | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB |
| 12 | L12 | 1         | 8 and 11   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB |

|    | L # | Hits | Search Text  | DBs  |
|----|-----|------|--|--|
| 13 | L13 | 1    | 9 and 12   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB |
| 14 | L14 | 263  | 1 and (hot adj melt or<br>phase adj change) near5<br>ink   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB |
| 15 | L15 | 5    | 14 and (extrude or<br>extrusion) and 11  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB |
| 16 | L16 | 1    | 14 and crystallization<br>adj temperature and<br>melting adj temperature   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB |
| 17 | L18 | 0    | 1 and solid adj ink and<br>crystallization adj<br>temperature and melting<br>adj temperature and<br>(extrude or extrusion)<br>and 11   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB |
| 18 | L19 | 7    | ((hot adj melt or phase<br>adj change) near5 ink or<br>solid adj ink) and<br>crystallization adj<br>temperature and melting<br>adj temperature and<br>(extrude or extrusion)<br>and 11 | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB |

|    | L # | Hits | Search Text  | DBs  |
|----|-----|------|--|--|
| 19 | L20 | 16   | ((hot adj melt or phase adj change) near5 ink or solid adj ink) and crystallization adj temperature and melting adj temperature and (extrude or extrusion)                     | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB |
| 20 | L21 | 2    | (dispersant or tetraamide or tetra adj amide or monoamide or mono adj amine) same pigment same (extrud\$3 or extrusion) and (hot adj melt or phase adj change) near5 ink and 1 | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB |
| 21 | L22 | 11   | (dispersant or tetraamide or tetra adj amide or monoamide or mono adj amine) same pigment same (extrud\$3 or extrusion) and (hot adj melt or phase adj change) near5 ink       | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB |
| 22 | L23 | 29   | ((hot adj melt or phase adj change) near5 ink or solid adj ink) and crystallization adj temperature and melting adj temperature  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB |
| 23 | L24 | 13   | 23 not 20  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB |

|    | <b>L #</b> | <b>Hits</b> | <b>Search Text</b>  | <b>DBs</b>   |
|----|------------|-------------|---|--|
| 24 | L25        | 61          | ((hot adj melt or phase adj change) near5 ink or solid adj ink) and (extrude or extrusion) with temperature   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB |
| 25 | L26        | 7           | ((hot adj melt or phase adj change) near5 ink or solid adj ink) and (extrude or extrusion) with temperature same crystallization adj temperature same melting adj temperature | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB |
| 26 | L27        | 51          | 11 and crystallization adj temperature and melting adj temperature and (extrude or extrusion) and pigment   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB |
| 27 | L28        | 0           | ("2005/0113482").URPN.  | USPAT  |
| 28 | L30        | 7           | 11 and (crystallization adj temperature same melting adj temperature) same (extrude or extrusion) and pigment   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB |
| 29 | L31        | 2           | ((hot adj melt or phase adj change) near5 ink or solid adj ink) and crystallization adj temperature and melt adj temperature and (extrude or extrusion)                       | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB |
| 30 | L32        | 3           | ((hot adj melt or phase adj change) near5 ink or solid adj ink) and crystallization adj temperature and melt adj temperature  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB |

|           | <b>L #</b> | <b>Hits</b> | <b>Search Text</b>  | <b>DBs</b>   |
|-----------|------------|-------------|---|--|
| <b>31</b> | L33        | 0           | ((hot adj melt or phase<br>adj change) near5 ink or<br>solid adj ink) and<br>(extrude or extrusion)<br>with temperature same<br>crystallization adj<br>temperature same melt adj<br>temperature | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB |
| <b>32</b> | L34        | 42          | 11 and crystallization<br>adj temperature and melt<br>adj temperature and<br>(extrude or extrusion)<br>and pigment  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB |
| <b>33</b> | L35        | 0           | 11 and (crystallization<br>adj temperature same melt<br>adj temperature) same<br>(extrude or extrusion)<br>and pigment  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB |

|   | L # | Hits | Search Text  | DBs  |
|---|-----|------|--|--|
| 1 | L1  | 23   | ((hot adj melt or phase adj change) near5 ink or solid adj ink) and crystallization adj (temperature or point) and melt\$3 adj (temperature or point) and (extrud\$3 or extrusion) | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB |
| 2 | L2  | 18   | ((hot adj melt or phase adj change) near5 ink or solid adj ink) and crystallization adj temperature and melt\$3 adj temperature and (extrud\$3 or extrusion)                       | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB |
| 3 | L3  | 5    | 1 not 2  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB |
| 4 | L4  | 5    | 3 and pigment  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB |
| 5 | L5  | 5953 | (hot adj melt or phase adj change) near5 ink   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB |
| 6 | L6  | 1666 | crystallization adj point  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB |

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|----|-----|------------|--|--|
| 7  | L7  | 3951<br>08 | melt\$3 adj point  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB |
| 8  | L8  | 5895<br>1  | high adj shear adj (mixer<br>or mix\$3) or homogenizer<br>or media adj mill\$3 or<br>attritor or<br>microfluidizer or rotor<br>adj sator | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB |
| 9  | L9  | 6217<br>01 | (extrud\$3 or extrusion)   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB |
| 10 | L10 | 0          | (5 and 6 and 7 and 8 and<br>9 and pigment).clm.  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB |
| 11 | L11 | 2          | 5 and 9 same 6 same 7  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB |
| 12 | L12 | 2          | 8 and 9 same 6 same 7  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB |



|           | <b>L #</b> | <b>Hits</b> | <b>Search Text</b>                 | <b>DBs</b>   |
|-----------|------------|-------------|------------------------------------|--|
| <b>13</b> | L13        | 5           | 8 and 9 and 6 and 7 and<br>pigment | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB |
| <b>14</b> | L14        | 2           | 13 and 5                           | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB |

|    | Type | L # | Hits       | Search Text  | DBs  |
|----|------|-----|------------|--|--|
| 34 | BRS  | L36 | 5953       | (hot adj melt or phase<br>adj change) near5 ink  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB |
| 35 | BRS  | L38 | 6217<br>01 | (extrud\$3 or extrusion)   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB |
| 36 | BRS  | L39 | 5895<br>1  | high adj shear adj (mixer<br>or mix\$3) or homogenizer<br>or media adj mill\$3 or<br>attritor or<br>microfluidizer or rotor<br>adj sator | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB |
| 37 | BRS  | L40 | 1673<br>9  | crystallization adj<br>temperature   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB |
| 38 | BRS  | L41 | 1155<br>10 | melt\$3 adj temperature  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB |
| 39 | BRS  | L42 | 6318<br>4  | (36 38 39 40 41 and<br>pigment).clm.   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB |

|    | Type | L # | Hits | Search Text                                       | DBs  |
|----|------|-----|------|---|--|
| 40 | BRS  | L43 | 1    | (36 and 38 and 39 and 40 and 41 and pigment).clm. | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB |
| 41 | BRS  | L44 | 1    | (38 and 39 and 40 and 41 and pigment).clm.        | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB |
| 42 | BRS  | L45 | 1    | (36 and 38 and 40 and 41 and pigment).clm.        | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB |
| 43 | BRS  | L46 | 3    | (38 and 40 and 41 and pigment).clm.               | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB |